

ABSTRACT OF THE DISCLOSURE

A large scale polarizer comprises one or more quartz substrate parts formed as a rectangle, a triangle, or a parallelogram, and a polarizer holder supporting the quartz substrate part. The polarizer holder may be in a lattice structure holding a plurality of quartz substrate parts. A polarizer system employing the large scale polarizer comprises a lens making an incident light to a parallel light, the large scale polarizer, and a moving control part coupled to and moving the large scale polarizer.